

Work Order ID 73554

Friday, September 02, 2011 9:21:43 AM

Page 1

Item ID: D4002-043

Accept

Revision ID:

Item Name: Aux Tank Drain Hose Assembly, Aft

Start Date: 9/2/2011 Start Qty: 4.00

Required Date: 9/13/2011 Req'd Qty: 4.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4002

B

PER ATTACHED FORM,
COMPLETE WORK AND
THEN QUANTIFY. 11/09/11

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 14830
Purchase part as per Dwg D4002
Part #: 156001-3S-0074
Possible Supplier: Aviall / API
Material release note required

110

Receive & Inspect for Damage & Mat'l Certs

0.00

Packaging

Memo

0.00

Packaging

CL 11/09/06 (4)

Pull 11/9/12 (7)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 73554

Friday, September 02, 2011 9:21:43 AM

Page 2

Item ID: D4002-043

Accept

Setup Start

Revision ID:

Stop

Item Name: Aux Tank Drain Hose Assembly, Aft

Start Date: 9/2/2011 Start Qty: 4.00

Required Date: 9/13/2011 Req'd Qty: 4.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

121

0.00



Small Fab

Memo

0.00

Small Fab

Assemble fitting, o-ring and valve as per dwg D4002

122

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control



S 4/02/12

(x4)

S 11/09/21 (4)

S 10/02/12

(x4)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 73554

Friday, September 02, 2011 9:21:43 AM



Page 3

Item ID: D4002-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Aux Tank Drain Hose Assembly, Aft

Start Date: 9/2/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 9/13/2011 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00



Packaging

Memo

0.00

Packaging

QUARANTINED & RED TAGGED

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/09/27

MSH-09-21

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

Page 1

Friday, September 02, 2011 9:21:40 AM

Work Order ID: 73554

Parent Item: D4002-043

Parent Item Name: Aux Tank Drain Hose Assembly, Aft



Start Date: 9/2/2011

Required Date: 9/13/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP rev A 10.01.21 new issue Prelim EC verified by:DD IPP rev B
10.11.03 added MS29528-04 DD verified by:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|-----------------|-------------|--------------|---------------|----------------|--------|
| 156001-3S-0074 ✓ | | Purchased | No | | | 100 | Each | 0.0000 | 1 | 4 | | | |
| Hose Assembly | | | | | | | | | | | | | |
| AN894D4-3 | | Purchased | No | | | 121 | Each | 2.0000 | 1 | 4 | | | |
| Fitting | | | | | | | | | | | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST334 | | 2 | | | | | | | |
| | | | | | 117317 | 2 | | | | | | | |
| MS29512-04 | | Purchased | No | | | 121 | Each | 3.0000 | 1 | 4 | | | |
| O-RING | | | | | | | | | | | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST294 | | 3 | | | | | | | |
| | | | | | 116304 | 3 | | | | | | | |
| MS29528-04 | | Purchased | No | | | 121 | Each | 0.0000 | 1 | 4 | | | |
| Fuel Drain Valve | | | | | | | | | | | | | |

11/15/12 (4)

EP 11/09/21

M118891 (4x)

EP 11/09/21

M118853 (4x)

EP 11/09/21

M118980 (4x)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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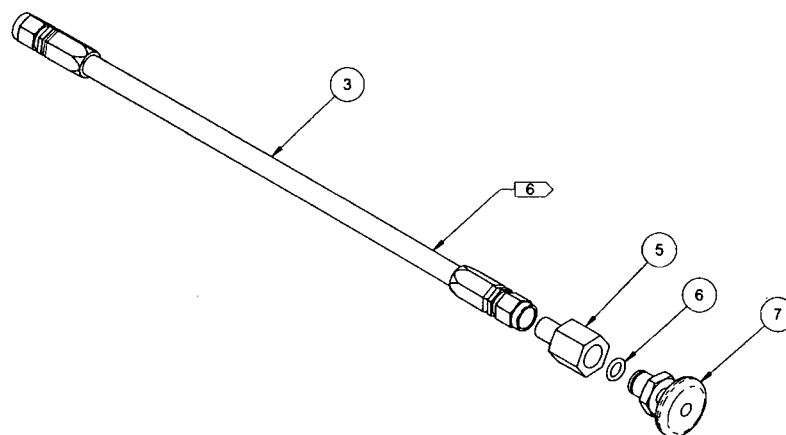
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

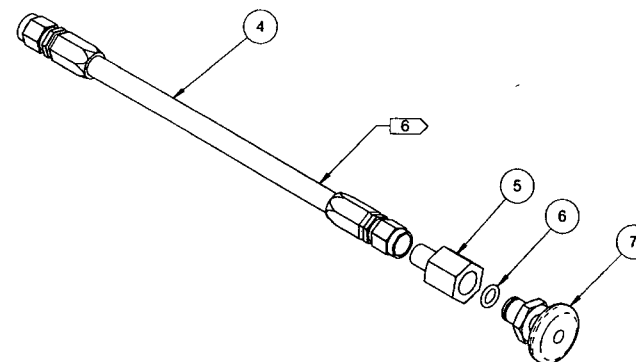
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
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NOTE: Date & initial all entries

| ITEM NO. | QTY. -041 | QTY. -043 | PART NUMBER | DESCRIPTION | JOHN CAMERON AVIATION PART NUMBER |
|----------|--------------|--------------|-------------|-----------------------------------|--------------------------------------|
| 1 | X | | D4002-041 | AUX TANK DRAIN HOSE ASSEMBLY, FWD | JCA-M47-1-13 |
| 2 | | X | D4002-043 | AUX TANK DRAIN HOSE ASSEMBLY, AFT | JCA-M47-1-16 |
| 3 | 1 | | D4002-1 | HOSE ASSEMBLY | |
| 4 | | 1 | D4002-3 | HOSE ASSEMBLY | |
| 5 | 1 | 1 | AN894D4-3 | FITTING | |
| 6 | 1 | 1 | MS29512-04 | O RING | |
| 7 | 1 | 1 | CCB4320 | FUEL DRAIN VALVE (MS29528-4) | |



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

RELEASED
2011-05-30
JW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.13 lbs
D4002-043 - 0.12 lbs

| | | | |
|------------|---|----|----------|
| B | CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2 | HS | 10.11.03 |
| A | NEW ISSUE | HS | 10.03.01 |
| REV. | DESCRIPTION | PV | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 10.11.03 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D4002

REV. B
SHEET 1 OF 2

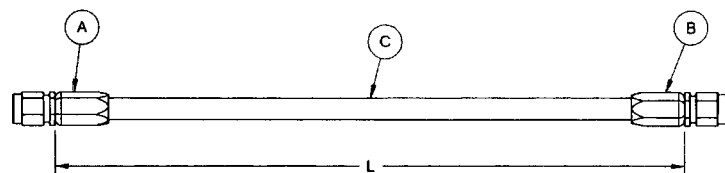
TITLE
HOSE ASSEMBLY

NTS

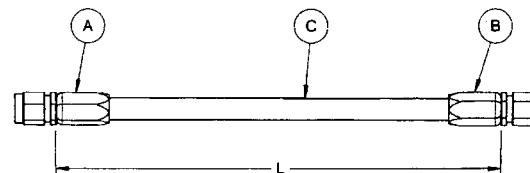
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NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D4002-1 | REF JCA-M47-1-13 |
| D4002-3 | REF JCA-M47-1-16 |
| D4002-5 | JCA-M47-2-13 |
| D4002-7 | JCA-M47-2-25 |

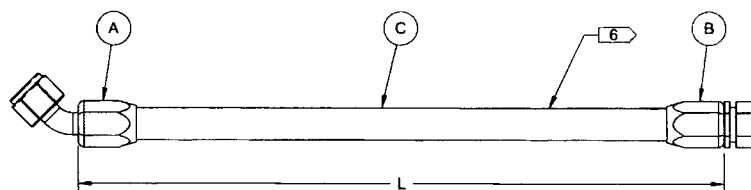
SPECIFICATION CONTROL DRAWING



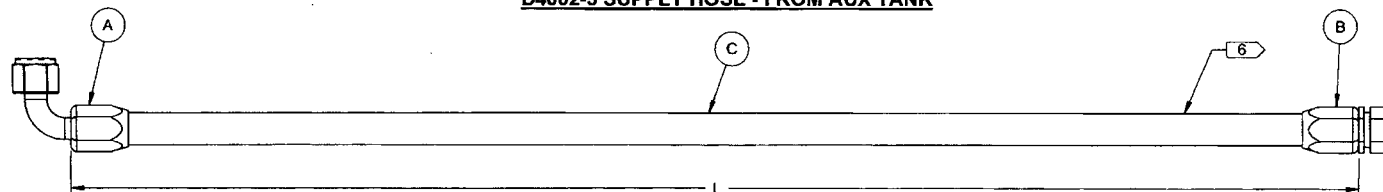
D4002-1 HOSE ASSEMBLY



D4002-3 HOSE ASSEMBLY



D4002-5 SUPPLY HOSE - FROM AUX TANK



D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK

| DART PART NUMBER | STRATOFLEX PART NUMBER | POSSIBLE VENDOR | LENGTH "L" | END FITTING "A" | END FITTING "B" | HOSE "C" | WEIGHT |
|---------------------|---------------------------|--------------------|---------------|--------------------|--------------------|-------------|----------|
| D4002-1 | 156001-3S-0105 | AVIALL/API | 9.90 | 676-3S | 676-3S | 156-3 | 0.08 lbs |
| D4002-3 | 156001-3S-0074 | AVIALL/API | 6.76 | 676-3S | 676-3S | 156-3 | 0.07 lbs |
| D4002-5 | 156003-6D-0102 | AVIALL/API | 8.94 | 678-6D | 676-6D | 156-6 | 0.13 lbs |
| D4002-7 | 156005-6D-0213 | AVIALL/API | 20.31 | 680-6D | 676-6D | 156-6 | 0.19 lbs |

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

73554

RELEASED
2011-05-30
JWW

| | | | |
|------------|----------|---|--------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. D4002 | REV. B |
| MFG. APPR. | | | SHEET 2 OF 2 |
| APPROVED | | TITLE HOSE ASSEMBLY | SCALE |
| DE APPR. | | | NTS |
| DATE | 10.11.03 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> | |



PACKING LIST

PAGE: 1
DATE: 09/09/11TIME/HEURE: 10:50
EMP#: 24093CUSTOMER P.O.: 14830
BON DE COMMANDESHIP NBR: 300267
No DE EXPEDITEUR

ORDER TYPE / TYPE DE COMMANDE: RG

CURRENCY: USD

ORDER NUMBER: 0001027065- 300267
No DE COMMANDEORDER DATE: 09/06/11
DATE DE COMMANDESHIP VIA: FED PLAM - COLLECT
EXPEDIER PARS
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O032027
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS
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DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS
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F
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O
D
E
34170
AVIAL TORONTO CSC
1840 ALSTEP DR. UNIT 5.
MISSISSAUGA ON L5S 1W1
CANADA

| LINE | MFG | ITEM DESCRIPTION | ORDER QUANTITY QUANTITE COMMANDE | SHIP QUANTITY QUANTITE EXPEDIEE | BACK ORDER COMM. EN SOUF | UOM | LIST PRICE | CUSTOMER PRICE | EXTENDED CUSTOMER PRICE |
|------|-----|---------------------|--|---------------------------------------|-----------------------------|-----|------------|----------------|----------------------------|
|------|-----|---------------------|--|---------------------------------------|-----------------------------|-----|------------|----------------|----------------------------|

PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT
NUMBER 1517-9324-0, AWB# MUST REFERENCE
THE PURCHASE ORDER NUMBER

| | | | | | | | | | |
|----|----|---------------|---|---|--|------|--------|----------|--------|
| 12 | 1S | 156003-6D0102 | 5 | 5 | | 0 EA | 111.00 | 111.0000 | 555.00 |
|----|----|---------------|---|---|--|------|--------|----------|--------|

REF:

Schedule B: 4009.42.0050
Country of Origin: U.S.A.

ECCN: EAR99

LOT 51235161 EA

5

| | | | | | | | | | |
|----|----|---------------|---|---|--|------|--------|----------|--------|
| 13 | 1S | 156005-6D0213 | 5 | 5 | | 0 EA | 123.21 | 123.2100 | 616.05 |
|----|----|---------------|---|---|--|------|--------|----------|--------|

REF:

Schedule B: 4009.42.0050
Country of Origin: U.S.A.

ECCN: EAR99

LOT 51235162 EA

5

| | | | | | | | | | |
|----|----|---------------|---|---|--|------|-------|---------|--------|
| 14 | 1S | 156001-3S0074 | 4 | 4 | | 0 EA | 89.22 | 89.2200 | 356.88 |
|----|----|---------------|---|---|--|------|-------|---------|--------|

REF:

Schedule B: 4009.42.0050
Country of Origin: U.S.A.

ECCN: EAR99

S
11/9/12

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.

Je certifie par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles l'approbation du distributeur du departement du transport no. 35-86 ont ete recue.

AV19 R2-99

G.S.T.REG.NO.R121506208

Signed

George D. Pudsev, DSM

Date

09/09/11

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.
ESCOMPTE APPLIQUES SUR SOUS TOTAL SEULEMENT.
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.
FRAIS DE MANUTENTION APPLIQUES SUR TOUTE MARCHANDISE RETOURNEE.

CUSTOMER COPY / FILE COPY

Under Review Notification

Raised By: M. BELLAVANCE

Date: 11.09.19

Product #: D4002-041/-043/-1/-3 (D350-794-041)

Product Name: HOSE ASSEMBLY (TANK ASSEMBLY)

| Drawing/Kit Number | Drawing/Kit Description | Quantity on Hand (Stock) | Quantity on Order (Production) | Quantity Allocated (Customer Order) | HOLD SHIPMENT | Red Tag/Quarantine Stock | Advise customers | Stop Production | Re-Work Stock | IPP Under Review | Blue File Under Review | ECN # | Instructions |
|--------------------|-------------------------|--------------------------|--------------------------------|-------------------------------------|---------------|--------------------------|------------------|-----------------|---------------|------------------|------------------------|--------|--------------|
| D4002 | HOSE ASSEMBLY | | | | N | Y | N | Y | TBD | Y | Y | 11-637 | SEE BELOW |
| | | | | | | | | | | | | | |
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REFERENCE ONLY

Description of issue:

PER EUROCOPTER CANADA LTD., THE LENGTH OF D4002-1/-3 REQUIRE TO BE INCREASED BY 8.00" TO ENSURE COMPATIBILITY WITH EUROCOPTER SQUIRREL CHEEK. THIS CHANGE DIRECTLY AFFECTS D4002-041/-043 AND D350-794-041 AS WELL AS D350-794-011 AND D130-794-021.

CURRENTLY, D350-794-011/D130-794-021 ARE NOT COMPATIBLE WITH EUROCOPTER SQUIRREL CHEEK. IT IS THEREFORE ACCEPTABLE TO SHIP KITS. HOWEVER, D4002-041/-043/-1/-3 STOCK SHOULD BE QUARANTINED, PROCUREMENT OF D4002-1/-3 SHOULD BE STOPPED, AND PRODUCTION OF D4002-041/-043 SHOULD BE STOPPED ONCE IN PROGRESS W/O'S ARE CLOSED. ENGINEERING TO SIGN OFF ON ALL D4002-041/-043/-1/-3 W/O'S UNTIL FURTHER NOTICE PRIOR TO PACKAGING D350-794-041, OR SHIPPING ANY D4002-041/-043, OR ORDERING ANY D4002-1/-3.

Distribution:

General Manager
Production Manager
Director Quality Assurance
Design Manager
Chief Engineer

Production Engineering Coordinators
Quality Assurance Coordinator
Quality Control Coordinator
Order Processing
Customer Technical Support

Engineering Project Managers
Engineering Clerk
Marketing